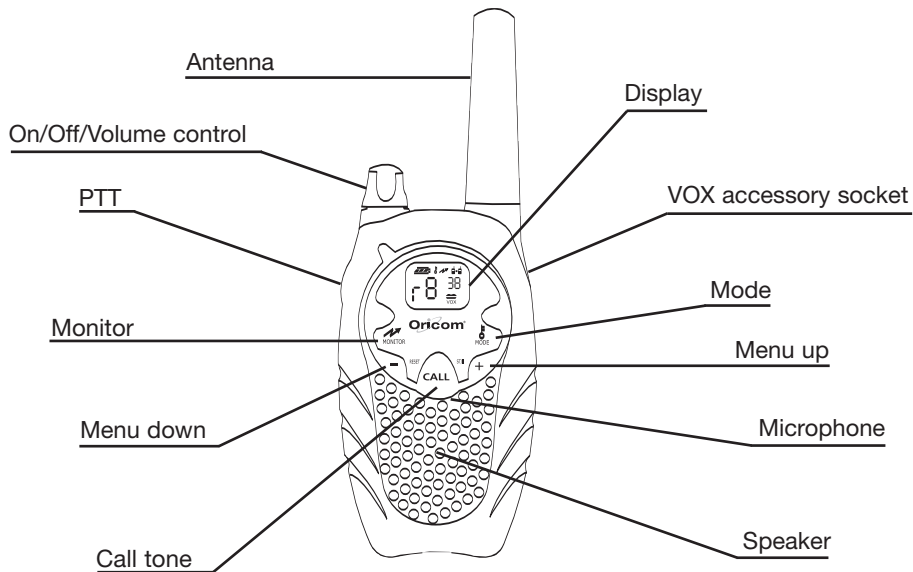


# User Guide

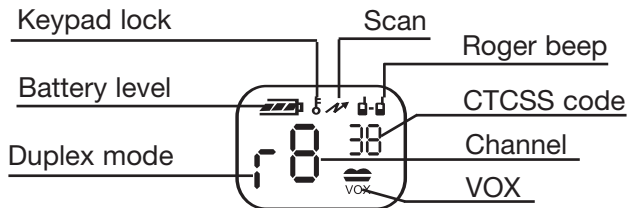


## Oricom PMR888 UHF Two-Way Radios

## Your Oricom PMR888 radio controls



## Your Oricom PMR888 display



N13134

Complies with all relevant Australian and New Zealand approval requirements including radio communications (Electromagnetic Radiation Human Exposure) standard 2003.

## Safety and general information

### Exposure to Radio Frequency (RF) energy

Your radio contains both a receiver and transmitter. When it is turned on it receives and transmits RF energy. Your Oricom unit is designed to comply with local regulatory requirements concerning exposure of human beings to RF energy (Specific Absorption Rate Data (SAR)).

### Use and care

- This unit is not waterproof; do not immerse it in water.
- If the unit gets wet turn it off, remove the batteries and dry it with a soft cloth.
- Do not use it until it is completely dry.

## This pack contains

### PMR888

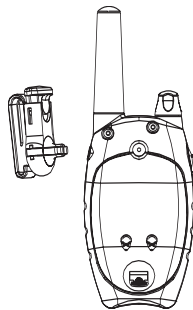
- 2 UHF radios
- 2 Belt clips
- This user guide

## Attaching the belt clip (2 included)

Your radio comes with a swivel belt clip.

To attach, align belt clip post with the hole in the back of the radio and gently push until it clicks into place.

To remove, push release tab on top of the belt clip down to release catch and pull belt clip from the radio back.



## Installing the batteries

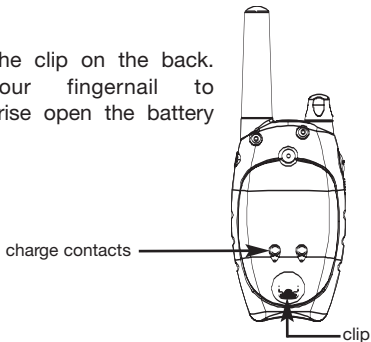
Each radio uses one Ni-Mh rechargeable battery pack (not supplied). Or three AA alkaline batteries (not supplied).

### Warnings

- Do not mix old and new batteries.
- Do not charge alkaline batteries they could explode and cause injury.

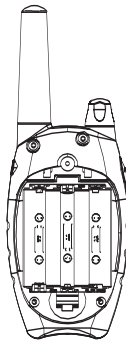
1. Ensure radio is turned off.

2. Locate the clip on the back. Use your fingernail to gently prise open the battery cover.



3. Insert the Ni-Mh battery pack inside the battery compartment, with charge contacts facing towards you.

4. Replace the battery cover.



## Using your Oricom PMR888

### Turning your radio on and off




Turn the volume button clockwise to turn your radio on. The radio chirps and the display will briefly show all feature icons that your radio has available. Turn the volume button anticlockwise until it clicks to turn your radio off.

### Adjusting the volume level

Use the volume button to adjust your volume to a comfortable listening level.

### Selecting the channel



The channel is the frequency your radio uses to transmit on.

1. Press  and the channel number will begin to flash.
2. Use  or  to select the channel.
3. Press “PTT” to set a new channel.

### Roger beep


When you turn on this feature, your two-way radio transmits a unique tone when you finish transmitting. In the same way as saying “Roger” or “over”, it lets

others know you are finished talking.

1. To enable or disable the Roger beep, press and hold  as you turn your radio on.
2. When the Roger beep is enabled  will show in the display.
3. When you release the “PTT” button you will hear the Roger beep.

### Talking and listening

It is good radio etiquette to monitor the channel for activity before you transmit, to ensure that you do not interrupt other users already on the channel.

Press and hold  to check for channel activity. If you hear static, the channel is clear for use. Your radio has 38 channels. If you are in a group and you wish to talk to each other, all radios must be set to the same channel and interference eliminator code (CTCSS). If you experience interference and need to change channel, ensure that you change the channel and code of all radios in your group.


1. For maximum clarity, hold the radio 5 to 7 cm from your mouth.

2. Press and hold “PTT” and speak into the microphone. The LED indicator light glows continuously when transmitting.
3. To receive messages, release “PTT”.


Note: If the PTT is held down for longer than 60 seconds a tone will be heard, the unit will stop transmitting and return to standby mode.

### Channel scan

By scanning, you can monitor channels and codes for transmission and lock in on the one that interests you. More importantly, you can find someone in your group who has accidentally changed channels and is talking during your scan.




1. To start scanning, briefly press and release .
2. If you activate scan while your code is set to 0, the radio will check for any activity on each channel, regardless of the code in use on that channel.
3. If you activate scan while the code is set on 1 to 38, the radio will check for any activity on each channel, except the code 0 in use on that channel.
4. While the radio is scanning, the scan icon will

display and the radio will scroll through the channels.








5. When activity is detected on a channel, the radio will stop scanning and you will hear whatever transmissions are detected. The radio's display will show the channel and code on which the activity was detected.
6. If you want to respond to the transmission, press “PTT” within 5 seconds and you can respond.
7. The radio will resume scanning after 5 seconds of inactivity on the channel.
8. To stop scanning, briefly press and release .

### Interference eliminator codes

Interference eliminator codes help to minimise interference by providing you with a choice of code combinations.



1. Press  twice and the code number begins to flash.
2. Use the  or  button to change the code.
3. Press “PTT” to set a new code.

You can specify a different code for each channel.



1. To set a channel and code combination, press once  and then press  or  to select the channel.
2. Press  again and then press  or  to select a code.
3. The radio does not support interference eliminator codes on channels 5 or 35. On these channels press . The radio will skip the code settings.
4. Press “PTT” to exit the menu and to save the channel and code combination.

To set another channel and code combination, repeat these steps.

### Scan advance

If scan stops on a channel that you don't want to listen to, briefly press  or  to resume scanning for the next active channel.


### Nuisance delete

If scan continuously stops on an undesired channel, press and hold  or  for at least 3 seconds, then release. This will temporarily remove the undesired channel from the scan list.




To restore the channel to the scan list, turn the radio off and then on. You cannot remove your home channel from the scan list (your home channel is the channel your radio was set to when you activated scan).

### Monitor mode

This feature allows you to listen for weak signals on the current channel.

1. Pressing and holding  allows you to monitor your channel for activity.
2. Adjust volume up or down.

### Keypad lock




The keypad lock disables all the buttons. But allows you to use the  button to monitor the channel. Press and hold  for 3 seconds to lock or unlock the keypad. When the radio is locked  will appear in the display.

### Sending a call tone

A call tone alerts others in your group that you want to talk. Your radio has 10 call tones to choose from.



Select call tone

1. With the radio on, press  three times until “C” appears in the display.
2. Current call tone setting will begin to flash.
3. Press  or  to change and hear the call tones while the setting number is flashing.
4. Press “PTT” to set a new call tone.
5. To send a call tone press “CALL”.

Note: The Australian UHF CB Radio Standard restricts tone calling to 3 seconds. This unit will only transmit for a maximum 3 seconds in any 60 seconds.

Note: The radio does not support the call tone feature on channels 5 or 35.

### Time-out timer

The time-out timer feature helps extend battery life by preventing accidental transmission. The radio will emit a continuous warning tone after the “PTT” button is pressed for 60 continuous seconds and will stop transmitting.

### The battery level meter




The battery meter located in the display indicates how much battery power you have remaining. When

the battery meter has one segment left, the radio chirps after releasing “PTT” every 10 minutes.

### Duplex mode

Repeater stations re-transmit your signal over a wider area giving you extended range depending on the location, height and availability of the local repeater station.

Your Oricom radio supports duplex mode on channels 1 - 8 only. In duplex mode, the units support the use of a repeater in your area. If the repeater channel in your area is channel 1, when you are in duplex mode the transmit channel will be channel 31.

To enter duplex mode select your repeater channel number in your area (1-8) then press  or  on that channel until  is displayed beside the channel number (1-8). You are now in repeater mode.

For more information on the locations of repeater sites in Australia and New Zealand visit our website.

## Alerts

### Channel busy indicator

The red LED will flash twice per second to indicate that the channel is in use.

### Call tone

Press the “CALL” button to transmit your call tone, alerting users on the same channel and code that you are about to talk. Your radio has 10 call tones to choose from. Setting the call tone to 0 disables this feature.

## UHF Channels and frequencies

### IMPORTANT NOTE

Channels 5 and 35 are emergency channels. Channel 11 is a calling channel. Channels 22 and 23 are for Telemetry and Telecommand use, voice communications are not allowed on these channels by law.

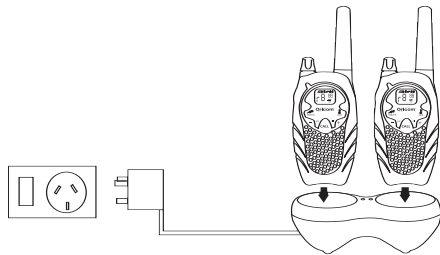
Channel	Frequency
1*	476.425 MHz
2*	476.450 MHz
3*	476.475 MHz
4*	476.500 MHz
5*	476.525 MHz
6*	476.550 MHz
7*	476.575 MHz
8*	476.600 MHz
9	476.625 MHz
10	476.650 MHz
11	476.675 MHz
12	476.700 MHz
13	476.725 MHz
14	476.750 MHz
15	476.775 MHz
16	476.800 MHz
17	476.825 MHz
18	476.850 MHz
19	476.875 MHz
20	476.900 MHz
21	476.925 MHz

24	477.000 MHz
25	477.025 MHz
26	477.050 MHz
27	477.075 MHz
28	477.100 MHz
29	477.125 MHz
30	477.150 MHz
31*	477.175 MHz
32*	477.200 MHz
33*	477.225 MHz
34*	477.250 MHz
35*	477.275 MHz
36*	477.300 MHz
37*	477.325 MHz
38*	477.350 MHz
39	477.375 MHz
40	477.400 MHz

\*Repeater access channels

## Using the optional value-plus charge kit

Using the optional twin charging pod (not included)



### Charging pod

To use the charging kit, place the charging pod on any flat surface.

1. With the radio off, remove the battery cover.
2. Insert the Ni-Mh battery packs into the radios.
3. Replace the battery cover.
4. Plug one end of the AC power adaptor into the charging pod and then the plug pack adaptor into the main power.

- Slide the radios into the charging pod ensuring the charging contacts line up. The red light on the charge kit glows when radios are properly inserted.
- The radios/batteries will be fully charged within 16 hours.

Note: When moving between hot/cold environments do not charge the battery until the battery temperature acclimates (usually about 20 minutes).

## Ordering the optional value-plus charge kit

The optional charging kit CHKIT888 can be ordered directly from Oricom International.

The value-plus charge kit includes:

- 1 twin charging pod.
- 1 AC power adaptor
- 2 rechargeable Ni-Mh battery packs
- 2 VOX headsets



1 twin charging pod



1 AC power adaptor



2 rechargeable Ni-Mh battery packs



2 VOX headsets

The kit is available at a cost of \$59.00\*

Contact Oricom on:  
1300 889 785 or visit [www.oricom.com.au](http://www.oricom.com.au)

Payment can be made by Mastercard, Bankcard  
or Visa card.

\*Correct at time of printing (prices include gst and postage).

## Warranty information

This product is covered by a 12-month warranty against defective workmanship or parts. The warranty does not extend to damage caused by misuse, negligence, water ingress, battery leakage or lightning. This guarantee in no way affects your statutory rights. Full details of the warranty are contained in the enclosed warranty card.

If you feel this product is not working correctly please consult the user guide and ensure that you are using the product in accordance with the instructions.

For assistance with technical issues please consult our website for further information or send us an email for a prompt response to your enquiry. In the unlikely event of a fault developing, please contact us for assistance. If the product is then found to be faulty you will be asked to return it directly to us with a copy of the purchase receipt.

## Contact us

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### **Australia**

Oricom International Pty Ltd  
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Australia

### **Customer support**

Email: [support@oricom.com.au](mailto:support@oricom.com.au)  
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Panmure Auckland  
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Web: [www.atlasgentech.co.nz](http://www.atlasgentech.co.nz)  
Fax: (09) 574 2722

## Stay in touch for FREE with Oricom

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**Highly sophisticated:** You can communicate when you're around the home, out and about enjoying sport and leisure activities or on a job site for free with the PMR888.

**Long range:** With 500mW of power you can expect up to 3km range depending on terrain and environmental conditions.

**Free communication:** No call costs.

**No license required:** Start using your Oricom PMR888 radio straight away.

**Highly compact:** Lightweight and small, they easily fit in your pocket or bag, or clip them on your belt with the clips included.

**Smart features:** Advanced features include 40 UHF channels, up to 12 hours talk-time, channel scan, mechanical volume control and Roger beep confirmation tone.

**Channel scan:** Lets you easily find your group's channel by searching all possible channels.

**12-month warranty**

Each pair requires a total of 6 AA batteries (not supplied).